

said information relating to at least one property of the wireless communication device is transmitted from said wireless communication device to the mobile communication network in connection with registration of said wireless communication device to the mobile communication network.

3. (Thrice Amended) The method according to claim 1, wherein said information relating to at least one property of the wireless communication device is transmitted from said wireless communication device to the mobile communication network prior to a call being set-up with said wireless communication device.

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4. (Twice Amended) The method according to claim 3, wherein the information relating to at least one property of the wireless communication device is checked to determine if it is appropriate for the type of call during call set-up with said wireless communication device, and wherein a call is not established if the information relating to at least one property of the wireless communication device is not appropriate for the type of call.

5. (Thrice Amended) The method according to claim 1, wherein said information relating to at least one property of the wireless communication device is transmitted from said wireless communication device to the mobile communication network in connection with a handover.

6. (Thrice Amended) The method according to claim 1, wherein the information relating to at least one property of the wireless communication device is transmitted to a mobile services switching center of the mobile communication network, or a serving GPRS support node.

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7. (Thrice Amended) The method according to claim 1, in which method an International Mobile Station Equipment Identity is defined for said wireless communication device, and wherein the

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once - information relating to at least one property of the wireless communication device is stored in the International Mobile Station Identity.

8. (Twice Amended) The method according to claim 7, wherein the International Mobile Station Equipment Identity comprises at least one field for storing the information relating to at least one property of the wireless communication device, and the length of said field is fixed.

9. (Twice Amended) The method according to claim 7, wherein the International Mobile Station Equipment Identity comprises at least one field for storing the information relating to at least one property of the wireless communication device, and the length of said field is variable.

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cont. 10. (Thrice Amended) The method according to claim 7, wherein the International Mobile Station Equipment Identity is divided into a non-modifiable part and a modifiable part, and at least part of the information relating to at least one property of the wireless communication device is stored in said modifiable part.

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Cont. 11. (Thrice Amended) The method according to claim 7, wherein the International Mobile Station Equipment Identity is stored in connection with manufacturing of the wireless communication device.

12. (Thrice Amended) The method according to claim 7, wherein the International Mobil Station Equipment Identity is updated in connection with a change in the properties of the wireless communication device.

13. (Thrice Amended) The method according to claim 1, wherein the information relating to at least one property of the wireless communication device transmitted from said wireless communication device is stored at least in the mobile services switching center

of the mobile communication network.

14. (Thrice Amended) The method according to claim 1, wherein the information relating to at least one property of the wireless communication device is stored temporarily in the mobile communication network.

15. (Thrice Amended) The method according to claim 1, wherein the wireless communication device comprises a mobile phone.

16. (Thrice Amended) The method according to claim 1, wherein the wireless communication device comprises a Communicator.

17. (Thrice Amended) The method according to claim 1, wherein the wireless communication device comprises a radio card.

18. (Thrice Amended) The method according to claim 1, wherein the information relating to at least one property of the wireless communication device contains information about at least one hardware property of the wireless communication device.

19. (Thrice Amended) The method according to claim 1, wherein the information relating to at least one property of the wireless communication device contains information about at least one software property of the wireless communication device.

20. (Thrice Amended) The method according to claim 1, wherein information relating to at least one property of the wireless communication device contains information about at least one preference of the user of the wireless communication device.

21. (Thrice Amended) The method according to claim 1, wherein modification of the information relating to at least one property of the wireless communication device by the user of the wireless communication device is prevented.

22. (Thrice Amended) The method according to claim 1, further comprising steps for establishing a call for transmitting information from a first communication device to a second communication device, wherein said second communication device is a wireless communication device, and the information is optimized for use by the second communication device, by using the information relating to at least one property of the second wireless communication device.

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cont.
23. (Thrice Amended) The method according to claim 1, further comprising steps for performing communication between the mobile communication network and another communication device, wherein information relating to at least one property of the wireless communication device is transmitted to said another communication device.

24. (Thrice Amended) The method according to claim 1, further comprising steps for performing communication between the mobile communication network and another communication network, wherein information relating to at least one property of the wireless communication device is transmitted to said another communication network.

25. (Twice Amended) The method according to claim 1, wherein information is transmitted from a first communication device to a second communication device, and wherein said second communication device is a wireless communication device, and information to be transmitted is converted into a format suitable for the second wireless communication device in the first communication device.

26. (Twice Amended) The method according to claim 1, wherein information is transmitted from a first communication device to a second communication device, and wherein said second communication device is a wireless communication device, and information to be transmitted is converted into a format suitable for the second

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once, wireless communication device in the mobile communication network.

27. (Twice Amended) A wireless communication device comprising:

means for storing information for identifying said wireless communication device in the mobile communication network in the mobile communication device;

means for transmitting said information for identifying said wireless communication device from the wireless communication device to the mobile communication network;

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cont means for storing information relating to at least one property of the wireless communication device, and

means for transmitting said information relating to at least one property of the wireless communication device from the wireless communication device to said mobile communication network,

wherein an information element for storing said information for identifying said wireless communication device and said information relating to at least one property of the wireless communication device is formed in the wireless communication device.

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Cont 28. (Twice Amended) The wireless communication device according to claim 27, further comprising means for transmitting said information relating to at least one property of the wireless communication device to the mobile communication network in connection with registration of said wireless communication device to the mobile communication network.

29. (Thrice Amended) The wireless communication device

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according to claim 27, further comprising means for transmitting said information relating to at least one property of the wireless communication device to the mobile communication network prior to a call being set-up with said wireless communication device.

30. (Thrice Amended) The wireless communication device according to claim 27, further comprising means for transmitting said information relating to at least one property of the wireless communication device transmitted from said wireless communication device to the mobile communication network in connection with a handover.

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31. (Twice Amended) The wireless communication device according to claim 27 comprising an International Mobile Station Equipment Identity, wherein the information relating to at least one property of the wireless communication device is stored in the International Mobile Station Equipment Identity.

32. (Twice Amended) The wireless communication device according to claim 31, wherein the International Mobile Station Equipment Identity comprises at least one field for storing the information relating to at least one property of the wireless communication device, the length of said field being fixed.

33. (Twice Amended) The wireless communication device according to claim 31, wherein the International Mobile Station Equipment Identity comprises at least one field for storing the information relating to at least one property of the wireless communication device, said field being of a variable length.

34. (Thrice Amended) The wireless communication device according to claim 31, wherein the International Mobile Station Equipment Identity is divided into a non-modifiable part and a modifiable part, and at least part of the information relating to at least one property of the wireless communication device is

stored in said modifiable part.

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35. (Twice Amended) The wireless communication device according to claim 31, wherein the International Mobile Station Equipment Identity is stored in connection with manufacturing of the wireless communication device.

36. (Twice Amended) The wireless communication device according to claim 31, wherein the International Mobile Station Equipment Identity is updated in connection with a change in the properties of the wireless communication device.

37. (Twice Amended) The wireless communication device according to claim 27, wherein the device comprises a mobile phone.

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38. (Twice Amended) The wireless communication device according to claim 27, wherein the device comprises a Communicator.

39. (Twice Amended) The wireless communication device according to claim 27, wherein the device comprises a radio card.

40. (Thrice Amended) The wireless communication device according to claim 27 comprising means for transmitting information to the mobile communication network to be transmitted further to a second wireless communication device, further comprising means for converting the information to be transmitted into a format suitable for the second wireless communication device based on information relating to at least one property of the wireless communication device received from said second wireless communication device.

41. (Twice Amended) A wireless communication system comprising:

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a mobile communication network;

a wireless communication device;

means for storing information for identifying said wireless communication device in the mobile communication network in the wireless communication device;

means for transmitting said information for identifying said wireless communication device from the wireless communication device to said mobile communication network, and further comprising:

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means for storing information relating to at least one property of the wireless communication device in the wireless communication device, and

means for transmitting said information relating to at least one property of the wireless communication device from the wireless communication device to said mobile communication network; and

wherein an information element for storing said information for identifying said wireless communication device and said information relating to at least one property of the wireless communication device is formed in the wireless communication device.

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42. (Twice Amended) The wireless communication system according to claim 41, further comprising means for transmitting said information relating to at least one property of the wireless communication device from said wireless communication device to the communication network in connection with registration of said wireless communication device to the mobile communication network.

43. (Thrice Amended) The wireless communication system according to claim 41, further comprising means for transmitting

said information relating to at least one property of the wireless communication device from said wireless communication device to the mobile communication network prior to a call being set-up with said communication network.

44. (Twice Amended) The wireless communication system according to claim 43, further comprising means for checking the information relating to at least one property of the wireless communication device to determine if it is appropriate for the call during call set-up with said wireless communication device, and wherein a call is not established if the type of information relating to at least one property of the wireless communication device is not appropriate for the type of call.

45. (Thrice Amended) The wireless communication system according to claim 41, further comprising means for transmitting said information relating to at least one property of the wireless communication device from said wireless communication device to the mobile communication network in connection with a handover.

46. (Thrice Amended) The wireless communication system according to claim 41, wherein said means for storing the information relating to at least one property of the wireless communication device comprises an International Mobile Station Equipment Identity.

47. (Thrice Amended) The wireless communication system according to claim 41, wherein the mobile communication network comprises means for storing the information relating to at least one property of the wireless communication device received from said wireless communication device.

48. (Twice Amended) The wireless communication system according to claim 47, comprising a mobile services switching center, wherein the information relating to at least one property

of the wireless communication device is stored in said mobile services switching center.

49. (Thrice Amended) The wireless communication system according to claim 47, comprising a register and wherein the information relating to at least one property of the wireless communication device is stored in said register.

50. (Twice Amended) The wireless Communication system according to claim 41, further comprising means for communication between the mobile communication network and another communication device, and wherein the mobile communication network comprises means for transmitting the information relating to at least one property of the wireless communication device to said another communication device.

51. (Thrice Amended) The wireless Communication system according to claim 41, further comprising means for communication between the mobile communication network and another communication network, and wherein the mobile communication network comprises means for transmitting the information relating to at least one property of the wireless communication device to said another communication network.

52. (Twice Amended) The wireless Communication system according to claim 41, further comprising means for establishing a call for communication between the wireless communication device and another communication device, wherein the communication is optimized by using the information relating to at least one property of the wireless communication device.

53. (Twice Amended) The wireless Communication system according to claim 41, further comprising means for establishing a call for transmitting and receiving information between the wireless communication device and another communication device, and

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wherein the information is optimized for use by the receiving communication device, by using the information relating to at least one property of the wireless communication device.

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54. (Twice Amended) The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication device to a second wireless communication device, and wherein the first wireless communication device comprises means for converting the information be transmitted into a format suitable for the second wireless communication device. *D*

55. (Twice Amended) The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication device to a second wireless communication device, and wherein the mobile communication network comprises means for converting the information to be transmitted into a format suitable for the second wireless communication device.

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58. (Amended) A method of manufacturing a wireless communication device in which information for identifying said wireless communication device in a mobile communication network and information relating to at least one property of said wireless communication device is stored in said wireless communication device, and wherein an information element for storing said information for identifying said wireless communication device and said information relating to at least one property of the wireless communication device is formed in the wireless communication device.

59. (Amended) A method according to claim 58, in which an International Mobile Station Equipment Identity is defined for and stored in said wireless communication device, and wherein the information relating to at least one property of the wireless